

Attorney's Docket No.: 09010-027003

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Walter Callen et al.                      Art Unit : 1652  
Serial No. : 09/656,309                              Examiner : Richard Hutson, Ph.D.  
Filed : September 6, 2000  
Title : ENZYMES HAVING HIGH TEMPERATURE POLYMERASE ACTIVITY AND  
METHODS OF USE THEREOF

Commissioner for Patents  
Washington, D.C. 20231

17/B  
MQJ  
2/6/03

**RESPONSE AND AMENDMENT**

Responsive to the non-final Office Action mailed October 22, 2002 (hereinafter "Office Action"), Applicants respectfully request entry of the amendments and consideration of the remarks set forth herein. A response to the Office Action is initially due January 22, 2003. Accordingly, this Response is timely filed.

The following documents are also enclosed herewith:

- Transmittal letter; and
- Facsimile coversheet.

## CERTIFICATE OF TRANSMISSION BY FACSIMILE

I hereby certify that this correspondence is being transmitted by facsimile to the Patent and Trademark Office on the date indicated below.

January 22, 2003  
Date of Transmission

Signature

Mi K. Kim  
Typed or Printed Name of Person Signing Certificate